

S-25 March, 2013 AC after Circulars from Circular No.153 & onwards

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DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY**CIRCULAR NO.ACAD/NP/B.Sc.-Ist Yr./SEM.-I & II/157/2013**

It is hereby notified for information of all concerned that, on the recommendations of the Boards of Studies, Ad-hoc Boards, and Faculty of Science, the Academic Council at its meeting held on 25-03-2013 has accepted the **following revised syllabi for B.Sc. First Year progressively under the Faculty of Science :-**

Sr. No.	Revised Syllabus	
[1]	B.Sc. [Physics]	Semester- I & II,
[2]	B.Sc. [Dairy Science & Technology]	Semester- I & II,
[3]	B.Sc. [Industrial Chemistry]	Semester- I & II,
[4]	B.Sc. [Geology]	Semester- I & II,
[5]	B.Sc. [Chemistry]	Semester- I & II,
[6]	B.Sc. [Botany]	Semester- I & II,
[7]	B.Sc. [Electronics] Science	Semester- I & II,
[8]	B.Sc. [Fisheries]	Semester- I & II,
[9]	B.Sc. [Microbiology]	Semester- I & II,
[10]	B.A. [Statistics]	Semester- I & II,
[11]	B.Sc. [Statistics]	Semester- I & II,
[12]	B.Sc. [Zoology]	Semester- I & II,
[13]	B.Sc. [Textile and Interior Decoration]	Semester- I & II,
[14]	B.Sc. [Home Science]	Semester- I & II,
[15]	B.A. / B.Sc. [Mathematics]	Semester- I & II.

This is effective from the **Academic Year 2013-2014** and onwards.

These syllabi are available on the University Website **www.bamu.net**

All concerned are requested to note the contents of this circular and bring the notice to the students, teachers and staff for their information and necessary action.

University Campus,
Aurangabad-431 004.
REF.NO.ACAD/NP/B.SC.-IST YEAR/
Sem-I & II/2013/5132-541
A.C.S.A.I.No.327[9].

Date:- 08-05-2013.

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Director,
Board of College and
University Development.

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S-25 March, 2013 AC after Circulars from Circular No.153 & onwards

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Copy forwarded with compliments to :-

- 1] **The Principals, affiliated concerned Colleges,
Dr. Babasaheb Ambedkar Marathwada University.**
- 2] **The Director, University Network & Information Centre, UNIC, with
a request to upload the above all syllabi on University Website
[www.bamu.net].**

Copy to :-

- 1] The Controller of Examinations,
- 2] The Superintendent, [B.Sc. Unit],
- 3] The Superintendent, [B.A. Unit],
- 4] The Superintendent, [Eligibility Unit],
- 5] The Programmer [Computer Unit-1] Examinations,
- 6] The Programmer [Computer Unit-2] Examinations,
- 7] The Director, [E-Suvidha Kendra], in-front of Registrar's Quarter,
Dr. Babasaheb Ambedkar Marathwada University,
- 8] The Public Relation Officer,
- 9] The Record Keeper,
Dr. Babasaheb Ambedkar Marathwada University.

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**DR.BABASAHEB AMBEDKAR MARATHWADA
UNIVERSITY, AURANGABAD.**



Syllabus

Of

**B.Sc.(Textile & Interior Decoration)
First Year (First & Second Semester)**

**THREE YEAR DEGREE COURSE
(Semester System)**

(EFFECTIVE FROM 2013-14 & ONWARDS)

U.K. Raisingade
Dr. U.K. Raisingade
Chairman
Ad-hoc Board

B.Sc.(Textile & Inerior Decoration)
First Year – First Semester

Code No.	Name of the Paper / Subject	Theory / Practical	Duration Hrs / wk	Maximum Marks	Internal Assessment	Total
111	Compulsory English	Theory	05	50		50
112	Basics of Computer	Practical	04	50		50
113	Basics of Drawing	Practical	04	50		50
114	Interior Decoration Studio & Building system technology-I	Theory	03	50		50
		Practical	04	50		50
115	Fundamentals Of Interior Decoration –I	Theory	03	50		50
		Practical	04	50		50
116	Basic of Textile	Theory	03	50		50
117	Fundamentals of clothing construction	Theory	03	50		50
		Practical	04	50		50
Total Marks of Semester I - 500						

**DR.BABASAHEB AMBEDKAR MARATHWADA
UNIVERSITY, AURANGABAD.**

**First Year
Second Semester**

Code No.	Name of the paper / subject	Theory / practical	Duration Hrs / WK	Maximum Marks	Internal Assessment	Total
128	Compulsory English	Theory	5	50		50
129	Basics of Sketching	Practical	4	50		50
1210	Fundamentals of Interior Decoration –II	Theory	3	50		50
		Practical	4	50		50
1211	Interior Design Studio & Building system Technology – II	Theory	3	50		50
		Practical	4	50		50
1212	Methods fabric Construction	Theory	3	50		50
1213	Basic of pattern making	Theory	3	50		50
		Practical	4	50		50
1214	Traditional textiles of India	Theory	3	50		50
Total Marks of Semester II : 500						
Total (Semester I+II) : 1000						

Syllabus of B.Sc. Textile & Interior Decoration

Semester – I

Compulsory English (Theory)

Code No.111

Max. Marks : 50

Period / wk. : 5

Unit I : Basic Communication :

1. Meeting people , Exchanges of Greeting and taking Leave.
2. Introducing Yourself.
3. Introducing People to Others.
4. Giving Personal Information
5. Answering the Telephone and Seeking Information
6. Taking and Leaving Messages.
7. Making Inquiries on the Phone.
8. Calling for Help in an Emergency
9. Getting peoples Attention and Polite Intervention .
10. Giving Instruction and Seeking Clarifications.

Unit II : GRAMMAR

1. Verbs : Kind and Uses
2. Tenses : Kind and Uses
3. Subject : Verb Agreement

Unit III : PROSE

1. The Romance of a Busy Broker : O Henry
2. The Bet : Anton Chekhov
3. A canary of One : E. Hemingway.

Unit IV : POETRY

1. Escape of Bedtime : R.L. Stevenson
2. The Best of School : D.H. Lawrence
3. To the Indians who Died in Africa : T.S. Eliot

Text Book : Journey through words by Board of editors – Orient Black Swan
Code No. ENG-CO-I : “ The Communicator” (With CD) edited by Board of
studies in English, Dr.Babasaheb Ambedkar Marathwada University ,
Aurangabad. Published by Orient Black swan Publishers, Hyderabad-500029.

Basics of Computer (Practical)

Code No.112

Max. Marks : 50

Periods / wk. : 4

1. Fundamentals :

- a) Types of computers , Block diagram
- b) Input devices , output devices , Cup
- c) Primary memory , secondary memory
- d) Processor and its speed , Ram Monitor , Display Card.
- e) Hard disc , floppy drivers , C.D drive
- f) Hardware , Software

2. Windows 98 / 2000 / XP

- a) Introduction to word processing. Usage MS-Word, Introduction to MS word.
- b) Opening , Saving , Closing a file
- c) Page setup : changing margins , layout and paper size.
- d) Formatting Text : Tables, Insert table , enter and edit data into table
- e) Printing : Print Preview , selecting printer , and print options.

3. MS-excel :

- a) Introduction to electronic spreadsheet
- b) Introduction to MS-excel.
- c) Components of MS-excel window like title bar , menu bar formula bar, status bar, worksheet area , sheet tabs, columns , rows. Hiding & viewing toolbars like standard and formatting tool bars, Entering data, copying , moving, editing cell entries, use of auto fill, saving , closing and opening file.
- d) Page set up : Changing margins, layout and paper size enter formula , copy formula, using fill handle inserting functions.
- e) Use of function like : SUM, AVERAGE, IF, COUNT, LOG, SIN, COS.

Basis of Drawing – (Practical)

Code No.113

Max. Marks : 50

Periods / wk : 4

Unit :

1. Introduction to drawing materials :
 - i) Dry and wet materials.
 - ii) Tools & materials of drawing
2. Scale drawing Using metric, imperial scale
3. Anthropometric data – Relation of human measurement to furniture and movement , circulation pattern.
4. **Introduction to elements of drawing** : Line-types of line, line with different values, value gradation by smudging, Hatching, Stippling, Scribbling , Basic forms and shapes.

Reference :

1. Jenny Divis , “ A complete guide to fashion designing ”
2. Ritu Jindal “ Handbook of fashion designing ”
3. D’ Amelio, J, Perspective drawing Handbook, Tudor New York , 1964.
4. Hollis H.F. Perspective Drawing , 1995
5. Shah M.S. , Kale C.M.,Patki S.Y, “ Building drawing ” Tata MC.
6. Zarakar, “ System of cutting ”.

Interior Decoration Studio & Building System Technology-I (Theory)

Code No.114

Max. Marks : 50

Periods / wk.: 3

1. Building / Interior Materials :

Types & uses (stone , brick , timber , wood based materials , paints / varnishes , ceramic , tile , architectural metals like steel & aluminum)

2. Building / Interior Construction :

An introduction to various construction techniques in interiors (Joinery , English / Flemish bonds in bricks), timber staircase , cladding , Details of doors , windows , cupboards , partitions , furniture , lintels, flooring , roofing, ceiling)

3. Mechanical & Sanitary Services :

- i) Mechanical system : Lifts & escalators
- ii) Sanitary services : Water supply system within building drainage system for residence (House drainage) Sanitary apparatus.

4. Rain Water Harvesting :

Purpose , use, Requirement , Methods

Bard Activities / Assignments :

1. Assignment on Interior Construction Materials.
2. Rain water Harvesting – Assignment / Survey.

Books Recommended.

1. S.C.Rangwala 'Engineering Materials' Chartor Publishing houses , Anand 1963.
2. S.C.Rangwala Building Construction , Chartor Publishing house , Anand 1963.
3. S.C.Rangwala Building Water supply & Sanitary Engineering , Chartor Publishing house , Roorkee.

Interior Decoration Studio & Building System Technology-I (Practical)

Practical :

1. Marker Survey of different materials & presentation on the same.
2. Case study of any building G+2 to understand services.

Books Recommended :

1. Form Design and More Attractive City Environment. Pub.Chamber of Commerce, U.S.A.
2. The Complete Home Decorator by Mike Lawrence. (Pub.) Chat well Books New Jersey.
3. Art in Every Day Life . Goldstein , Oxford and IBH Publishing House.
4. Inside Today's Home – by Ray & Sarah Faulkner , Harcourt Brace & Company , U.S.A.
5. Nursery Design- Barbara Aria, Pub.Bantam Books , New York.
6. The complete Home Decorator , Caroline Clifton etc. Portinad House, New York.

Fundamentals of Interior Decoration – I (Theory)

Code No. 115

Max. Marks : 50

Periods / wk. : 3

- 1. Definition :** Introduction to Art & Design.
- 2. Elements of design :** Point , line, different shapes , forms. Color, space.
- 3. Design :** Structure & decoration design, types of decorative design.
Naturalistic, stylised, abstract and geometrical design.
- 4. Principles of Design :** Harmony , balance , proportion , emphasis & Rhythms
(Definition , types & its application to interior & exterior).
- 5. Colour qualities of colour , pigment , colour theory (prang colour theory)**
colour harmonies , how to build a colour scheme , colour scheme to create an
atmosphere of different rooms.
- 6. Floor finish for different income groups , different types of hard & soft floor
coverings , care & maintenance.**

Fundamentals of Interior Decoration – I (Practical)

Code No.115

Max. Marks : 50

Periods / wk. : 4

1. Arranging various areas using different principles of design.
2. Special area arrangement : Hotels , Restaurants , Hospitals , Auditoriums , Airports etc.

Reference :

1. Mix & match Decoration Book : Many Gilliat Dover publications Inc : New York U.S.A.
2. The California Home Book : Pub : Harry N.A. Brams Ine. (N.T.)
3. Form Design & More attractive city Environment Pub : Chamber of commerce, U.S.A.

Basics of Textile (Theory)

Code No.116

Max. Marks : 50

Periods / wk. : 3

Unit 1 : Introduction to textile fiber Classification of fibers (Flow Chart)

Unit 2. : Manufacturing process of the following

A) Natural fibers :

1) Plant – Cotton , Liner

2) Animal – Wool , Silk

B) Manmade fibers : Nylon , Viscos rayon , Polyester

C) Physical & chemical properties of Cotton , Jute, Liner, Hemp,
Wool, Silk , Asbestos , Nylon , viscose rayon.

D) Primary & Secondary properties of fibers

Unit 3. : Yarn Manufacturing :

A) Classification of yarns :- Single , Ply & Cord.

B) Types of twist : ‘S’ , ‘Z’ Low, high , optimum.

C) Types of yarns : Novelty & specially yarns , slub, Kngt & spot ,
Ratine , Spike / Snarl , Loop , Spiral or Cock’s screen.

D) Yarn numbering system : Average , resultant count , text &
denier system.

Books Recommended :

1. Sushma Gupta , Neru Garg , Renu Saini, “Text Book of Clothing & Textile” Kalyani Publishers, Ludhiana.
2. Durga Deulkar, “Household Textiles and laundry”.
3. Banard Lorbman , “Textiles Fiber to fabric”.
4. Norma Hollen, Jane Saddler , Anna Langford , “Textiles”
5. K.P.Hess, “Textile Fibers and Their use”

Fundamentals of Clothing Construction – I (Theory)

Code No.117

Max.Marks : 50

Periods / wk. : 3

Unit I- Introduction to stitching and measuring equipment

1. Swing Machines : Types parts, use & care
2. Measuring equipments
3. Drafting equipments
4. Cutting equipments

Unit II- Techniques of clothing construction

1. Study of basic hand stitches – temporary & permanent
2. Selvedge and its types
3. Seams & seam finishes
4. Methods of taking body measurements

Unit III- Basis clothing constitution

1. Methods of introducing fullness into a fabric Drat, tucks, pleats, gathers and god-gets
2. Facts about fabric and selvedge
3. Layout of cloth-grain , off gain & bias
4. Introduction to trimmings

Fundamentals of Clothing Construction (Practical)

Code No.117

Max.Marks : 50

Periods / wk. : 4

I. Introduction to working mechanism of sewing machine

1. Repair , care and maintenance of sewing machine.
2. Remedies of hazards in sewing process.

II. Preparation of samples :

- Seams : Plain , French , Flat & Felt , double,
Twiks : Pintuncks , Cross tuncks , Corded tucks,
Pleats : Knife pleat , Box pleat, innerted box pleat
Plackets : Simple , continuous , zipper
Gathers : Shirring , Ruffles , frills,

III. Preparation of Pockets : Any four types

IV. Application of Trainings :

Lace, Ribbon, Tassels, Rope or cord , Fancy buttons and bias trimmings

V. Application of facings :

Bias facing , shaped facing

Book Recommended :

1. Durga Deulkar, "Household Textile and Laundry Work"
2. Ritu Jindal " Handbook of fashion designing "
3. Jenny Divis , " A complete guide to fashion designing "
4. Shushma Gupta , Neeru Garg , Renu Saini , "Text book of Clothing and Textiles"
5. Zarakpar, " System of Cutting ",Navneet Publication , India.

Syllabus of B.Sc.(Textile & Interior Decoration)

Semester – II

Compulsory English (Theory)

Course No.128

Max.Marks : 50

Periods / wk. : 5

Unit I : Basic Communication

1. Marking requests and Responding to Request
2. Asking for Directions and Giving Directions
3. Thanking Some One for Responding
4. Inviting and Accepting and Refusing an Invitation
5. Apologizing and Responding to an Apology
6. Congratulation and Responding Congratulations
7. Asking for Giving and Refusing Permission
8. Describing Daily Routines
9. Talking about Current Activities.

Unit II : GRAMMER

1. Active and Passive Voice
2. Phrases , Clauses and Sentences
3. Kindly of Sentences

Text Book: The communicator by board of Editor – Orient black Swan Pvt.Ltd.,

Unit III : PROSE

1. Princes September : S.Maugham
2. The mother of a Traitor : Maxim Gorky
3. Lawly Road : R.K.Narayan

Unit IV : POETRY

1. Lucy : Willaim Wordsworth.
2. The Duke and the Kangaroo : Edward Lear
3. The Wild Swans : W.B.Yeats

Text Book : Journey through words by Board of Editors – Orient Black Swan Pvt.Ltd.

Basics of Sketching (Practical)

Code No.129

Max.Marks : 50

Periods w/k :4

Unit :

- I. Croqui Drawing – 8 to 10 heads and 10 to 12 heads.
- II. Drawing of Different postures.
- III. Stylization of figure – Hands , Legs & Faces with hairstyles.
- IV. Accessory Drawing – Jewellery, Foot-ware , Bags.

Reference :

1. Jenny Divis , “ A complete guide to fashion designing ”
2. Ritu Jindal “ Handbook of fashion designing ”
3. D’ Amelio, J, Perspective drawing Handbook, Tudor New York , 1964.
4. Hollis H.F. Perspective Drawing , 1995
5. Shah M.S. , Kale C.M.,Patki S.Y, “ Building drawing ” Tata MC.
6. Zarpkar, “ System of cutting ”.

Fundamentals of Interior Decoration – II (Theory)

Course No. 1210

Max.Marks : 50

Periods / wk. 03

1. Creating a life space :

Factors in planning a life space : Private spaces , sleeping ,dressing , hygiene , house , quests, individual work and hobbies , solitude , kitchen utility space.

2. Basic principle of house plans , orientation , grouping , circulation , lighting, ventilation , arranging space as per needs such as private , semiprivate & public space.

3. Organizing space plan :

One room apartment, twin houses , flats , one storey, double storey & multistory , Prefabricated houses etc. Houses plan for different income groups

4. Creating of Architectural Design :

Different types of foundation , building materials available.

5. Wall finishes & coverings for different income groups, application , care & finish of various materials available

Fundamentals of Interior Decoraration - II (Practical)

Course No.1210

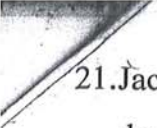
Max.Marks : 50

Periods / wk. : 04

1. Visit to various unfinished & finished apartments to see basic plans.
2. Collecting & compiling various wall finishes.
3. Simple planning of various private spaces.

Books Recommended :

1. Faulkners and Faulkners – Inside Today's Home.
2. Deshpande – Modern Ideal Homes for India.
3. Deshpande – Houses of middle classes.
4. Deshpande – Build your own home.
5. Deshpande – Build your own home.
6. Agan – The home. Its plan and use.
7. Garret Kckto – Introduction to Interior Decoration.
8. Babeffa Hayes – All colour guides to home decorating and design.
9. Wilton – Elements of Interior Design.
10. Goldstein – Art in everyday life.
11. Chikir – Colour which they cands for you.
12. Ball – The Art of Interior Design.
13. Anderson – Elements of Design.
14. Chambers – Colour and Design.
15. Dorothy – Introduction of Interior Design.
16. Bridges – How to make your home smart.
17. Grate K. Ranche – Mounting Handicrafts.
18. Peter Philips – Furniture of the world
19. Gloay – short dictionary of Furniture.
20. Mario Dal Fabbro-How to make built in furniture

- 
21. Jack Lenar Harsen- Jeanke Weeks – Virginia – I – Fabric for interior – A guide to designers and consumers.
 22. Goldstein , " Art in Everyday life " ,Oxford & IBH publishing house.
 23. Vargnese, Damodharan ,Home Management , Wiley Eastern Ltd.
 24. Ray & Sara Faulkness, P Inside Today Home " , Library of congress cataloguing and Publication Desk.
 25. Art then and Now. Kathryan Dean Lee. New York , Appleton Century Crafts Inc.
 26. World Architecture. Trewan Copplestone, Hamlyn Publishing.
 27. The complete home decorator – Caroline Clifton etc. Portland House , New York.
 28. Levison," Architectural Rendering fundamentals Mc Graw Hill and company.

Interior Design Studio & Building Technology – I (Theory)

Course No.1211

Max.Marks : 50

Periods / wk. : 3

Building system (Theory)

1. Acoustics :

Room acoustics , Noise control within a space , Auditorium acoustics.

2. Illumination :

Principles of Illumination , Type lighting fixtures , lighting design in residence , office & stores.

3. Air conditioning :

Principles of A.C. system types of A.C., application in building like apartments & guest norms , libraries , museums & hospitals.

4. Electrical services :

Electrical system

Symbols used , 3 phase system , single phase, simple electrical layouts.

5. Building Bye-laws : (Local)

Reference :

1. S.C.Rangwala , Building Constructions Chaitra Published house.
2. Mitchell Bealey ' The lighting Book', Deyan Sudjic Mitchell Beazley International Ltd.1985.
3. William Sirens and Bell 'Air Conditioning & Refrigeration' John Wily & Sons.
4. John Han Cock Calendar, ' Time Saver Standards For Architectural Design Data MC Graw Hill Co Singapor.

Interior Design Studio & Building Technology – I (Practicals)

Course No.1211

Max.Marks : 50

Periods / wk. : 4

Design of simple interiors :

Interiors of Kitchen , Bedrooms , Bathrooms , Restaurants , Shops, Hotel Lobby etc.

An initial case study of similar space anthropometric study

Books Recommended :

1. Francis , D.K.Ching ' Architecture , Form , Space & Order , Van Nostrand Reinhold Co. Canada 1973.
2. Dechiare & Calendar ' Time Savers Standards for Building hypes M.C.Graw Hill Co.
3. Franc's D.K.Ching , 'Interior Design Illustrated , Van Nostrand Reinhold Co. New York.
4. Maitard Graves , There art of Colour & Design , M.C.Grow Hill Co.1951.

Methods of Fabric Construction (Theory)

Course No.1212

Max.Marks : 50

Periods / wk. : 3

Unit : 1 Weaving :

- A) Types of and parts of looms : Handloom , Table Loom, Power jet loom.
- B) Basic Weaving operations :
- C) Types of Weaves : Plain, Basket, Twill , Satin , Honeycomb , Jacquard , Daddy , Pile.

Unit : 2. Non Woven Fabric :

- A) Process of felting
- B) Types of Felt : Wool felt , fur felt
- C) Uses of Felt.

Unit : 3 Decorative fabric construction :

Braiding , Netting , Lace , Embroidery

Unit : 4 Knitting :

- A) Methods of knitting : Warp method, welf method
- B) Types of knitting : Machine & hand knitting Common stitching used in hand knitting

Books Recommended :

1. Durga Deulkar , " Household textiles & Laundry work "
2. Norman Hollen , Jane Saddler , Anna L.Rangford, "Textiles".
3. Bernard P.Lorbman , " Textiles Fiber to Fabric "
4. K.Thomes , " No about Fabric and Their manufacturing "

Basics of Pattern Making (Theory)

Course No.1213

Max.Marks: 50

Periods / wk.: 3

1. Basic Bodice:

Steps in preparing basic bodice block

2. Sleeves:

A) Steps in preparing basic sleeves (Plain)

B) Types of Sleeves:

Puff sleeve, Bell sleeve, Leg –O-mouton, Bishops sleeve, circular sleeve.

3. Collars:

A steps involved in preparing following collars

1. Peterpan Collar , 2. Stand Collar , 3.Sailor Collar , 4. Turtle Neck ,
5.Shirt Collar

4. Skirts :

Steps involved in preparing basic skirt gathered skirt , umbrella skirt, box pleat skirt , yoke skirt

5. Methods of Pattern layout :

Flat pattern making, drafting , draping

6. Economical pattern layout :

Border design fabric , check fabric , striped fabric , pile fabric, Knit Fabric.

Basic of Pattern Making (Practical)

Course No.1213

Max.Marks : 50

Periods / wk. : 4

1. Preparation of samples using $\frac{1}{2}$ scale
2. Bodice Block
3. Sleeves : Plain , bell, puff, leg – O -mutton
4. Collars : Shirt , peterpan, stand , turtle neck.
5. Skirts : Umbrella , box pleat , yoke.

Books Recommended :

1. Durga Deulkar , “ Household Textile and Laundry Work”
2. Ritu Jindal, “Handbook of fashion Designing”
3. Jenny Davis , “ A complete guide to fashion designing”
4. Sushma Gupta , Neeru Garg , Renu Saini , “Text Book of Clothing and Textiles”
5. Zarpakar, “System of Cutting”, Navneet Publication , India.

Traditional Textiles of India (Theory)

Course No. 1214

Max. Marks : 50

Periods / w.k : 3

Unit – I : Introduction & History of Traditional Textiles of India

Unit – II : Traditional Textile of Different Region of India

1. Kalamkari
2. Bafta
3. Abhiravan
4. Kum-khwab
5. Patola
6. Himru Amrua
7. Pitabari
8. Bandhani
9. Dacca Muslin
10. Baluchar Buttedar
11. Kanjiwaram.
12. Irkali Sarees
13. Chanderi & Maheswari
14. Paithani
15. Pochampalli.

Books Recommended :

1. Durga Deulka Household Textile and laundry.
2. Parul Bhatngar Traditional India costumes & Textile
3. Kamaladevi Chatopadhyay Indian embroidery
4. Rustom Mehta , Music & Master rule of India textile
5. Prakash K.Match trends & Traditions.